

SUREBONDER®

WARRANTY

If you have any problems with this tool, please call FPC Corporation toll-free at 1-800-860-3838 before returning it to the place of purchase.

FPC Corporation warrants this product to be free from defects in material and workmanship, under normal conditions of use and when used in accordance with FPC operating instructions, for a period of 90 days from the date of purchase by the user. Within the 90 day warranty FPC at its option shall repair or replace the product. . The product must be returned at the distributor/user expense, either within warranty or out. Repaired or replaced products will receive a 60 day warranty. USER MUST BE USING THE PROPER FASTENERS FOR THIS WARRANTY TO BE VALID. WARRANTY IS VOID IF INCORRECT TYPE OF FASTENERS ARE USED.

Visit us at surebonder.com for our full line of products



Model 7760 3 in 1 Nailer/Stapler



1"- 2-1/2" 16 gauge Finish Nailer

5/8"- 2" 18 gauge Brad Nailer

5/8"- 1-5/8" 18 gauge 1/4" Crown Stapler

Includes: Allen wrench(2) & pneumatic oil

Operating Instructions

Read All Safety Rules and Instructions Carefully
Save this manual for Future Reference



FPC Corporation - 355 Hollow Hill Drive - Wauconda, IL 60084
Phone: (847) 487-4583 Fax: (847) 487-0174
website: www.surebonder.com e-mail: sales@suebonder.com



Improper use of this tool can result in death or serious injury.
This manual contains important information about product safety.
Read and understand this entire manual before operating this tool.

IMPORTANT SAFETY WARNINGS:

THE SAFETY WARNINGS BELOW CANNOT COVER ALL POSSIBLE SITUATIONS THAT MAY OCCUR. THESE BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO PROTECT AGAINST PERSONAL INJURY TO THE OPERATOR OR OTHER PERSONNEL IN THE AREA, AS WELL AS DAMAGE TO THE EQUIPMENT. READ AND UNDERSTAND THESE WARNINGS BEFORE USING EQUIPMENT.

Keep tool away from children, and DO NOT allow children near work area. Do not allow children or untrained personnel to handle this tool.

DO NOT operate this tool while tired, or under the influence of drugs, alcohol, or medication that makes you drowsy.

Never point the tool at yourself or others - always assume that the nailer is loaded, and proceed with caution.

Wear safety glasses and ear protection. The tool operator and all personnel in the work area must wear safety glasses that protect the front and side, to avoid eye injury. Ear plugs should be worn to avoid hearing damage.

If operator will be working in a situation where overhead work will be done (i.e. on a ladder, stairs, or scaffolding) a hard hat must be worn.

Never wear loose clothing or jewelry because it can get caught in the moving parts of this tool. Make sure long hair is covered, to avoid getting it caught in the tool.

Keep the tool pointed away from yourself and others at all times. Keep hands and all body parts away from rear area of your tool (near air hose) to guard against injury. Keep hands and feet away from firing head during use.

Keep proper balance and footing at all times - do not over-reach.

Never use oxygen, bottled gas or any type of combustible fuel as a power source - it can cause an explosion and serious injury.

Do not use near flammable liquids or gases - the nailer sparks during operation, and could cause an explosion and serious injury.

Use an air hose that will withstand at least 150 psi, OR 150% of the maximum pressure of the compressor.

Never connect this tool to compressed air if the pressure could exceed 200 psi, as the tool could burst. Use only clean, dry, regulated compressed air, with pressure not exceeding 100 psi.

Do not use a non-relieving coupler with this tool - if used, the tool could remain charged with air after disconnecting, and would still be able to drive a nail even after being disconnected. The tool and air hose must have a coupling so that all pressure is removed from the tool when the coupling is disconnected.

Do not depress the trigger or safety mechanism while loading nails or staples - accidental firing of a nail or staple can occur. Keep your fingers away from the trigger when not firing nails or staples. Always keep the tool pointed downward during loading.

Do not use an air hose that is too long - tool operator can trip over it. Make sure all connections are tight.

(WARNINGS continued next page)

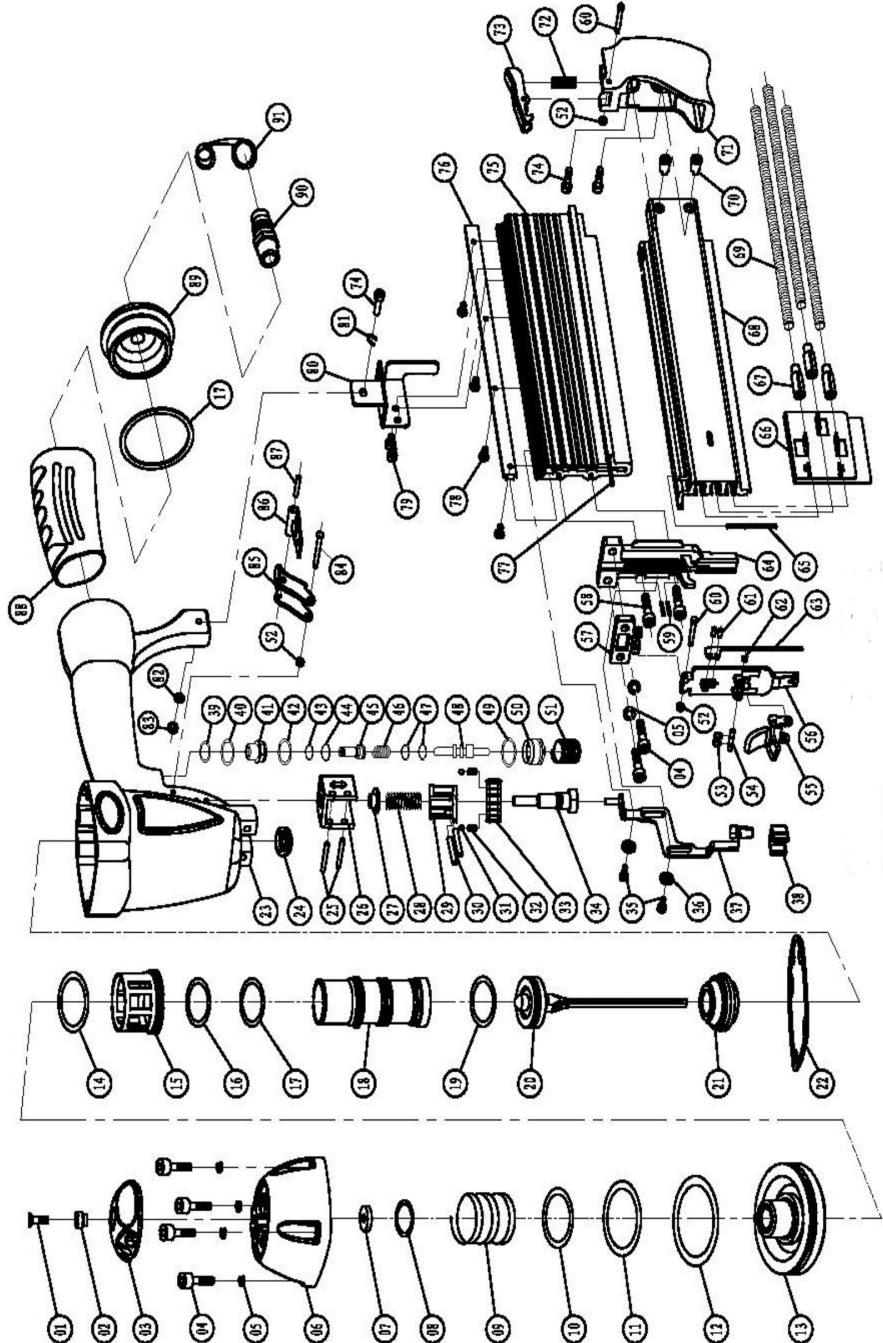
PARTS SOLD SEPARATELY			
Dia. No.	Part No.	Description	Price Each
2	7760-2	SLEEVE	call
3	7760-3	EXHAUST DEFLECTOR	call
6	7760-6	CYLINDER CAP	call
13	7760-13	SWITCH VALVE	call
15	7760-15	COLLAR	call
18	7760-18	CYLINDER	call
23	7760-23	GUN BODY	call
26	7760-26	GUIDE SET	call
29	7760-29	REGULATOR SEAT	call
31	7760-31	STEEL. (Dw=2.5)	call
33	7760-33	ADJ NUT II	call
34	7760-34	PUSH BAR II	call
36	7760-36	GUIDE COVER	call
37	7760-37	SAFTY ASSEMBLY	call
38	7760-38	SAFTY NOZZLE COVER	call
41	7760-41	VALVE SEAT	call
45	7760-45	VALVE SLEEVE	call
48	7760-48	SWITCH VALVE LEVER	call
50	7760-50	SWITCH VALVE SEAT	call
52	7760-52	PIN BUSH	call
53	7760-53	SNAP RETAINER 2.5	call
55	7760-55	HOOK HANDLE ASSEMBLY	call
56	7760-56	MOVABLE PLATE	call
57	7760-57	FIXED PLATE	call
63	7760-63	BAR	call
64	7760-64	NOSE	call
66	7760-66	PUSHER LEVER	call
68	7760-68	MOVABLE MAGAZINE	call
70	7760-70	CONNECTING NUT	call
71	7760-71	LOCATING SEAT	call
73	7760-73	LOCATING HOOK HANDLE ASSEMBLY	call
75	7760-75	FIXED MAGAZINE	call
76	7760-76	GUIDE DRIVE STRIP	call
77	7760-77	INSERTION STRIP	call
80	7760-80	FIXED SEAT	call
83	7760-83	SELF LOCK NUT M4	call
85	7760-85	TRIGGER	call
86	7760-86	SAFTY SHIELD	call
88	7760-88	HANDLE CASE	call
89	7760-89	TAIL COVER	call
90	7760-90	AIR INLET PLUG	call
91	7760-91	PLUG COVER	call
Kit Prices			
7760-400	SEAL KIT	DRIVE PIN KIT	call
7760-420	FASTENER KIT	call	call

Fastener Kit #7760-420 Includes:	
Diagram No.	Description
1	SCREW (M6x16)
4	SCREW (M6x25)
5	SPRING WASHER
7	WASHER
9	COMPRESSED SPRING
24	GUIDE WASHER
25	PIN (3*26)
27	Adj WASHER II
28	COMPRESSED SPRING PIN (1.58)
30	COMPRESSED SPRING B
32	SCREW (M4*8)
35	COMPRESSED SPRING B
46	COMPRESSED SPRING B
51	COMPRESSED SPRING PIN
54	O-RING (31x55)
58	SCREW M4*16)
59	PIN 1*10
60	PIN
61	PIN (2*6)
62	COMPRESSED SPRING PIN (3.28)
65	COMPRESSED SPRING PIN (3.28)
69	COMPRESSED SPRING
72	SCREW (M4*20)
74	SCREW (M4*20)
78	SCREW (M4*8)
79	SCREW (M4*6)
81	SPRING WASHER 4 FLAT WASHER
82	TRIGGER PIN
84	TRIGGER PIN (2.5*18)
87	MAIN PISTON

Seal Kit #7760-400 Includes:	
Diagram No.	Description
8	O-RING (18*1.8)
10	O-RING (48*72.65)
11	O-RING (38*3.5)
12	O-RING (25*5)
14	O-RING (60*2.5)
16	O-RING (42*2.5)
17	O-RING (42*3.56)
19	O-RING (31*5.5)
21	BUMPER
22	GASKET
39	O-RING (3.75*1.8)
40	O-RING (11.7*2.4)
42	O-RING (6*2)
43	O-RING (7.2*1.9)
44	O-RING (13*1.5)
47	O-RING (2.5*1.5)
49	O-RING (15.7*2.4)
20	MAIN PISTON

To order go to: www.surebonder.com

7760 3 in 1 Nailer



IMPORTANT SAFETY WARNINGS: continued

Disconnect air hose from tool:
before performing maintenance
when clearing a jam
when tool is not in use
when moving it to another location
when handing tool to another person

DO NOT place finger on trigger when disconnecting air hose - the tool could fire when reconnected to the air supply.

Carry tool by the handle only, not by the air hose.

Do not drive nails/staples close to the edge of the workpiece. It could split, allowing a nail/staple to fly or ricochet and causing personal injury. Do not try to drive nails/staples at too steep an angle. Make sure tool is held firmly during firing to minimize recoil.

Do not drive a nail/staple into very hard material, thin material, or on top of an existing nail/staple- the nail or staple could ricochet, causing personal injury.

Never use the tool if it is leaking air, the contact safety mechanism is not working, tool has missing or damaged parts, or requires repair. Make sure all screws and caps are securely tightened.

Inspect the tool before each use to insure that the trigger, safety mechanism, and spring are operating properly. Lock the tool in a clean, dry storage area between uses.

Only use parts, nails/staples, and accessories supplied or recommended by FPC Corporation. Unauthorized parts or fasteners can lead to malfunction and serious injury. Only personnel trained by FPC Corporation or the distributor shall repair the tool. Do not modify this tool in any way.

Never use in presence of flammable liquids or gases. The tool produces sparks during operation.

Never use this tool in sites containing lacquer, paint, benzine, thinner, gasoline, gases, adhesive agents, and other materials which are combustible or explosive.

Check for live wires. Avoid the risk of electrical shock by checking for live wires that may be hidden by walls, floors, or ceilings. Turn off the breaker switch pertaining to that work area.

Do not store this tool in a cold weather environment. Store the tool in a warm area until the start of work. If it is in a cold area, bring it in a warm area and allow it to warm up before use.

Manufacturer assumes no responsibility for consequential or indirect damages from the use of this product.

Save this manual and have it available for tool operators reference!

APPLICATIONS

Including but not limited to: Casing, Cabinets, Door and Window Trim, Furniture Repair, Baseboard, Carpet.

FEATURES

- Adjustable Air Exhaust
- Soft Grip handle reduces fatigue
- Lightweight, rugged cast aluminum construction
- Contact safety mechanism - for safe operation
- Protective tip prevents surface damage
- Adjustable depth drive
- Quick release nosepiece for fast jam clearing
- Quick release magazine for easy loading

AIR SUPPLY



DANGER

NEVER use oxygen or other bottled gases. Explosion may occur.

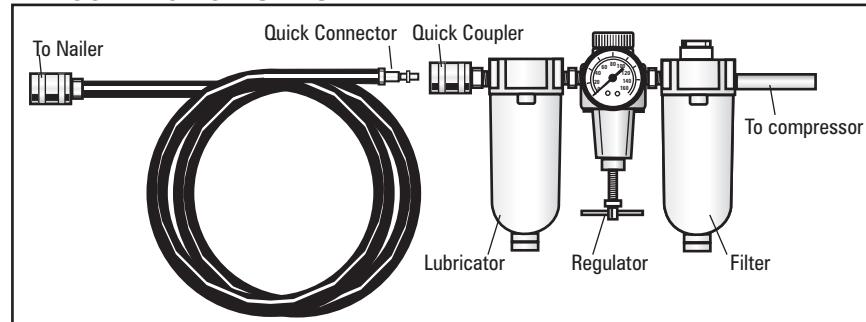
This nailer is designed to operate on clean, dry, regulated compressed air, between 70 and 100 PSI. It is preferable to include an air filter, pressure regulator, and automatic oiler within 15 feet of the tool, if possible.

An air filter is needed to remove contaminates and moisture that are contained in compressed air; filtering will significantly prolong the life of the tool. If an automatic oiler is not installed, place 3 to 6 drops of oil into the tool's air inlet before each work day or after 2 hours of continuous use-depending on the characteristic of the tool or type of fasteners used. Do not install a quick coupler directly into the tool. Higher pressure drastically reduces tool life.

The tool comes factory-equipped with a male quick connector. The tool must always be connected to the air supply with a coupling that removes all pressure when it is disconnected.

NOTE: all components used with this nailer (air hose, connectors, regulators, filters, etc) must be rated at 120 psi, OR 120% of the maximum compressor potential, whichever is higher. Do not connect this nailer to a system with maximum potential air pressure greater than 200 psi.

AIR CONNECTION SET UP



Troubleshooting

The following form lists the common operating system with problems and solutions. Please read the form carefully and follow it.

WARNING: If any of the following symptoms appears during your operation, stop using the tool immediately, or serious personal injury could result. Only qualified persons or an authorized service center can perform repairs or replacement of tool. Disconnect tool from air supply before attempting repair or adjustment. When replacing O-rings or cylinder, lubricate with pneumatic tool oil before assembly.

Problem	Check	Solution
Air leak near top of the tool or in trigger area	O-ring in trigger valve damaged.	Check and replace o-ring.
	Trigger valve heads damaged.	Check and replace.
	Trigger valve stem, seal, or o-ring are damaged.	Check and replace trigger valve stem seal, or o-ring.
Air leak near bottom of tool	Loose screws.	Tighten screws.
	Worn or damaged o-rings or bumper.	Check and replace o-rings or bumper.
Air leak between body and cylinder cap	Loose screws.	Tighten screws.
	Worn or damaged o-ring or seal.	Check and replace o-rings or bumper.
Fastener is being driven to deep	Worn bumper.	Replace bumper.
	Air pressure set too high.	Adjust air pressure.
	Depth adjustment knob is not properly adjusted.	Adjust depth setting by turning adjustment knob.
Tool is not operating properly, cannot drive nail, or operates sluggishly.	Inadequate air supply.	Verify adequate air supply.
	Inadequate lubrication.	Place 3-6 drops of oil into air inlet.
	Worn or damaged o-rings or seals.	Check or replace o-rings or seals.
	Exhaust port in cylinder head is blocked.	Replace damaged internal parts.
Tool skipping fasteners	Worn bumper or damaged spring.	Replace bumper or pusher spring.
	Dirt in front plate.	Clean the drive channel on front plate.
	Dirt or damage prevents nails from moving freely in magazine.	Nail magazine needs to be cleaned.
Tool Jams	Worn or dry o-ring on piston.	Replace o-ring and lubricate tool.
	Incorrect or damaged nails.	Make sure correct fasteners are being used and installed correctly in the magazine.
	Damaged or worn driver guide.	Check and replace the driver.
	Magazine or nose screw loose.	Tighten the magazine.
Air exhaust being directed at operator	Magazine is dirty.	Clean the magazine.
	Exhaust port direction requires adjustment.	Turn or adjust exhaust port away from operator.

Loading Finishing Nails, Brad Nails, Staples: (See different methods of loading all 3 fasteners). Note: Load only one type of fastener at a time.

To load Finishing Nails: Detach nailer from air supply. Do not load with contact safety mechanism or trigger depressed. Push magazine release to release magazine and slide back. Insert strip of finishing nails into the center slot at the top of the magazine. (Fig.1). Slide magazine cover towards the front of the magazine until it is locked in place.



Fig. 1

To load Brad Nails: Detach nailer from air supply. Do not load with contact safety mechanism or trigger depressed. Push magazine release to release magazine and slide back. Insert strip of brad nails into the left-side of magazine (Fig.2). Slide magazine cover towards the front of the magazine until it is locked in place.



Fig. 2

To load Staples: Detach nailer from air supply. Do not load with contact safety mechanism or trigger depressed. Push magazine release to release magazine and slide back. Insert strip of staples at the top of the magazine with one leg of the staple in the center slot and the other leg along the left-side of the magazine (Fig.3). Slide magazine cover towards the front of the magazine until it is locked in place.

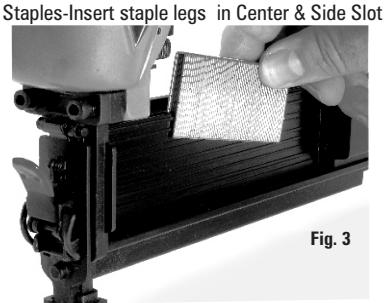
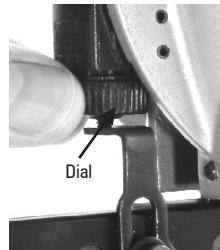


Fig. 3



Jam Clearing: Pull down on latch and swing guide plate outward. Remove jammed nail, replace guide plate catch and lift latch up.

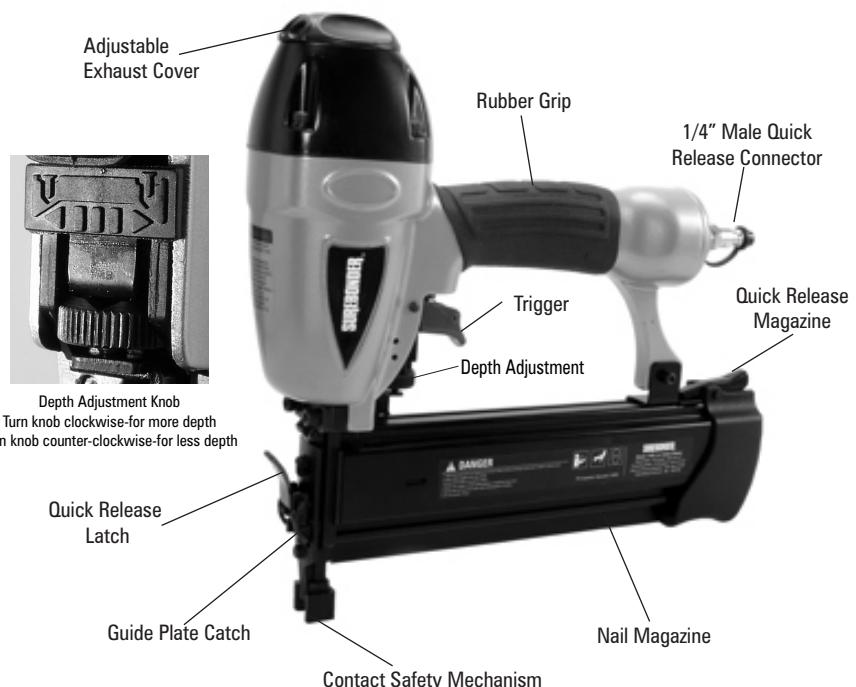


Depth Adjustment: Turn depth adjustment dial clock-wise to increase depth drive and counter-clockwise to decrease depth drive. (when operator is holding handle with right hand).



Exhaust Deflector: Exhaust deflector can be positioned to point in any 360° direction. Reposition deflector by rotating to the desired position.

OPERATION



SPECIFICATIONS

Overall Dimensions:	11.25" x 11.75" x 2.75"
Capacity:	100 fasteners
Operating Pressure:	70 - 100 PSI (4.8-7 bar)
Air Inlet Size:	1/4"NPT (National Pipe Thread)
Weight of Tool:	5.05lbs.

Finishing Nail	Brad Nail	Staple
16 gauge 1" to 2-1/2" (25mm-64mm)	18 gauge 5/8" to 2" (15mm-50mm)	18 gauge 1/4" to 1-5/8" (15mm-41mm)

FASTENER SELECTION

Use SUREBONDER 500 Series or any other brand
16 gauge - Finishing Nails 1" to 2-1/2" (25mm-64mm)

Use SUREBONDER 400 Series or any other brand
18 gauge - Brad Nails 5/8" to 2" (15mm-50mm)

Use SUREBONDER 350 Series or any other brand
**18 gauge - 1/4" Crown Staples 5/8"-1-5/8"
(15mm-32mm)**

Mode of Operation

This nailer is equipped with a contact safety mechanism and does not operate unless the contact mechanism is depressed. There is only one method of operation to drive fasteners with this nailer.

- Intermittent operation (Trigger fire).
- Position the nail outlet on the workpiece with finger off the trigger.
- Depress the contact safety mechanism firmly until it is completely depressed.
- Pull the trigger to drive a fastener.
- Remove finger from the trigger.
- To drive another fastener, pick up and move the nailer along the workpiece and repeat this procedure.

In order to avoid double fire:

- Firmly hold tool down on workpiece to absorb recoil.
- Release trigger quickly.
- Do not drive fasteners into thin boards or near corners and edges of work piece.
- Fasteners can be driven through or away from workpiece and hit someone.
- Never drive fasteners from both sides of a wall at the same time. Fasteners can be driven into and through the wall and hit a person on the opposite side.
- Never use nailer if it is defective or operating abnormally.
- Do not use nailer as a hammer.

MAINTENANCE

Lubrication

It is important that the nailer be properly lubricated. Without proper lubrication the nailer will not work properly and parts will wear prematurely. Use pneumatic tool lubricant. Do not use detergent oil or additives. These lubricants will harm the O-rings and other rubber parts. This will cause the nailer to malfunction. Filter-regulator-lubricator units should always be used. Keep the lubricator filled with pneumatic tool lubricant. If a lubricator is unavailable supply 3 - 6 drops of pneumatic tool lubricant into the air inlet before each work day or after 2 hours of continuous use-depending on the characteristic of the tool or type of fasteners used.

Cold Weather Care

Do not store the nailer in a cold weather environment. If the nailer is cold bring the nailer into a warm area and allow to warm up before use. To warm up the nailer: Reduce the air pressure to 40 psi (2.8bar 2.8kgf/cm²). Remove all fasteners from the nailer. Connect the air hose and blank-fire the nailer. The lowered air pressure will be enough to blank-fire the nailer. Slow speed operation of the nailer tends to warm the moving parts.

Inspecting the magazine

Disconnect the air hose. Keep magazine and nose of tool clean and free of any dirt, lint or abrasive particles. Clean the magazine by removing plastic tips or wood chips which may have accumulated in the magazine. Lubricate it with pneumatic tool lubricant.

Storing

When not in use for an extended period of time apply a thin coat of pneumatic tool lubricant to the steel parts in order to avoid rust. Do not store the nailer in a cold weather environment. Keep the nailer in a warm and dry place.

Adjusting Air Pressure

WARNING

Do not exceed 100 PSI. Adjust the air pressure at the recommended operating pressure 70 to 100 PSI according to the length of nails/staples and the hardness of the workpiece. The correct air pressure is the lowest pressure which will do the job. Using the tool at a higher than required air pressure unnecessarily over stresses the Nailer.

Testing The Nailer

DANGER

Operators and all others within the work area must wear **safety glasses with side shields** conforming to ANSI Z87.1 specifications.



ANSI Z87.1

Before actually using the nailer, test the nailer using the checklist below.

Disconnect air hose connection from the tool. Remove all nails or staples from the tool.

- 1) Pull the trigger and push the contact safety mechanism.
THE CONTACT SAFETY MECHANISM AND TRIGGER MUST MOVE FREELY.
- 2) Adjust the air pressure to 70 psi (4.9 bars 5 kgf/cm²).
Connect air hose.
DO NOT LOAD NAILS OR STAPLES IN THE TOOL.
THE TOOL MUST NOT LEAK AIR.
- 3) Hold the tool downward without touching the workpiece with the contact safety mechanism.
Pull and hold the trigger for 5 seconds or longer.
THE TOOL MUST NOT OPERATE.
- 4) Remove your finger from the trigger and press the contact safety mechanism to the workpiece.
THE TOOL MUST NOT OPERATE.
- 5) If no abnormal operation is observed, you may load fasteners in the tool. If abnormal operation occurs, stop using the tool and contact the service center immediately.

Loading Finishing Nails, Brad Nails, Staples

WARNING

When loading Finishing/Brad Nails or Staples into Nailer:

Disconnect tool from compressed air supply.

Do not depress trigger.

Do not depress the contact safety mechanism.

Keep nailer pointed downward.